How to address standardization in your FP7 proposal

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Outline

- What are standards
- Why FP7 projects should address standardization
- How you can address standardization
- An example
What are European standards?

- Documents designed to be used as a rule, guideline or definition

**Example**


*Ref: EN 1011-6:2005*
How we develop standards...

.... by bringing together all interested parties to share: what they need/ what they have/ what to include in standards
Where we fit in:

- **International**
  - ISO
  - IEC
  - ITU

- **Europe**
  - CEN
  - CENELEC
  - ETSI

- **National**
  - Membership
    - NSBs for CEN & CENELEC
    - Companies for ETSI
Standards, regulations and private specifications

- Law
- Regulations
- Standards
- CEN Workshop Agreement
- Professional good practice, corporate spec., etc.
How can standards benefit to FP7 projects?
Benefits for your project

1. Use **recognized** methodologies, processes, terminology... *Don’t reinvent the wheel!*

2. Enable the fast and easier **market exploitation** of your research results

3. Ensure your results adapt **to market conditions**

4. **Dissemination** of your project results to European stakeholders in your field

5. **Long-term** exploitation of the project results
How you can address standardization within your proposal ....
Define which kind of standardization activity you want to develop

1. **Use existing** standards

2. **Contribute to ongoing** standardization activities

3. **Develop new** standards
1. Use existing standards

The **CEN** and **CENELEC** databases are the sources of reference where to find existing standards.
2. Contribute to ongoing standardization activities

A possibility: the Project Liaison
3. Develop new standards

- **propose a new standard to a Technical Committee**
  
  **result**: European Standard or Technical Specification
  
  **cost**: to be assessed by the Technical Committee
  
  **duration**: European Standard: 3 years. Technical Specification: +/- 2 years

- **develop a CEN or CENELEC Workshop Agreement**
  
  **cost**: ~ 50 000 €
  
  **duration**: on average 18 months
Elements to consider

⇒ Get the right standardization partner on board!

➢ Who? – National or European Standards Bodies

⇒ Don’t forget that you and/or your partners will have to dedicate time

⇒ Standardization can have a cost
Get free, tailored, and confidential advice

- Either by contacting the CEN-CENELEC Research Helpdesk research@cencenelec.eu

- Or by contacting the national standardization correspondent: see list

............before the start of your project
............enough in advance
One example from the European Green Car Initiative
**Full name**: Models and generic interfaces for easy and safe Battery insertion and removal in electric vehicles

**Call**: GC-SST.2010.7-4. Smart storage integration

**Duration**: 2011-01-01 to 2013-06-01

**Objective**: Define new concepts for the smart insertion of battery packs and develop in particular generic interfaces for fully electric vehicles. This research aims at enabling smooth batteries integration and swap.
EASYBAT - Content of the standardization work

The EASYBAT consortium will propose a Business Plan for a CENELEC Workshop Agreement on new battery pack generic interfaces

“Standardization activities will be conducted in order to promote the generic models and interfaces developed in the project.”

Quotation from the EASYBAT website
EASYBAT – Standardization in practice

WP 8: Dissemination, Standardization and Exploitation of Results

Funding: the standardization activities will be subcontracted to one of our Members
Useful readings

- our handbook to guide you

- our website to give you all the necessary information
  www.cencenelec.eu/research
Save the date!

Our next info session on standards for FP7 will take place on **13 September 2012** in Brussels.

Information will be posted on our website [www.cencenelec.eu/research](http://www.cencenelec.eu/research).
Thank you for your attention

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